



<b>INFORMATION DISCLOSURE STATEMENT (IDS)</b>		Title Of Invention	Probabilistic Models and Methods for Combining Multiple Content Classifiers
		Application Number	09/850,172
		Filing Date	5/7/2001
		First Named Inventor	Susan T. Dumais
		Art Unit	2121
		Examiner Name	Joseph P. Hirl
Sheet	1	of	2
		Attorney Docket Number	167386.01

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Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the

Applicant requests consideration of this Information Disclosure Statement.

The Applicant hereby makes of record in the above-identified application the information listed on the attached forms PTO/SB/08A and 08B. Documents cited on the attached forms PTO/SB/08A and 08B are enclosed unless otherwise indicated. It is respectfully requested that the enclosed form PTO/SB/08A be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;

By submitting this Information Disclosure Statement, the Applicant makes no representation that the references cited in the Statement are, or are considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b), or are considered to be, in fact, prior art as defined by 35 U.S.C. § 102.

Information Disclosure Statement (IDS)  
Matter No.: 167386.01

Respectfully submitted,

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Signature		Date	3-17-2005
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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

### Title Of Invention

Probabilistic Models and Methods for  
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### First Named Inventor

Susan T. Dumais

### Art Unit

2121

### Examiner Name

Joseph P. Hirl

### Attorney Docket Number

167386.01

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)	Kind Code <sup>3</sup> Country Code <sup>4</sup> Number <sup>4</sup> (if known)			

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Kind Code <sup>5</sup>	Country Code <sup>5</sup> Number <sup>4</sup> (if known)				

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YI and JAIN, <i>Classification of Text Documents</i> , The Computer Journal, Volume 41, Number 8, 1998. 10 pages.	
		LIERE and TADEPALLI, <i>Active Learning with Committees for Text Categorization</i> , Proceedings of AAAI-97, 14 <sup>th</sup> Conference of the American Association for Artificial Intelligence, 1997. 6 pages.	
		WOODS, KEGELMEYER, and BOWYER, <i>Combination of Multiple Classifiers Using Local Accuracy Estimates</i> , IEEE Transactions on Pattern Analysis and Machine Intelligence, Volume 19, Number 4, 4 April 1997. 6 pages.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



NON PATENT LITERATURE DOCUMENTS

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		GIACINTO and ROLI, <i>Adaptive Selection of Image Classifiers</i> , Proceedings of the 9 <sup>th</sup> International Conference on Image Analysis and Processing, Lecture Notes in Computer Science 1310, Springer Verlag Edition, 1997. 8 pages	
		LARKEY and CROFT, <i>Combining Classifiers in Text Categorization</i> , SIGIR '96, 1996. 9 pages.	
		TRESP and TANIGUCHI, <i>Combining Estimators Using Non-Constant Weighting Functions</i> , G. Tesauro, D. S. Touretzky, and Leen T. K., editors, Advances in Neural Information Processing Systems 7, MIT press, 1995. 9 pages.	

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